

In the Claims:

Please replace Claims 1-24 with the following “clean” versions:

Q5 1. A water-in-oil emulsion fuel comprising: a first amount of water; a hydrocarbonaceous middle distillate fuel; and a hydrocarbonaceous middle distillate fuel additive including a second amount of water, ammonia hydroxide, a polyanhydride, and a mixture of fatty acids.

2. The water-in-oil emulsion fuel of claim 1, wherein said hydrocarbonaceous middle distillate fuel is about 81% to about 99.5% by weight of the water-in-oil emulsion fuel.

3. The water-in-oil emulsion fuel of claim 1, wherein said hydrocarbonaceous middle distillate fuel additive is about 0.5% to about 5% by weight of the water-in-oil emulsion fuel.

4. The water-in-oil emulsion fuel of claim 1, wherein said second amount of water is about 0% to about 25% by weight of the hydrocarbonaceous middle distillate fuel additive.

5. The water-in-oil emulsion fuel of claim 1, wherein said first amount of water has had particulate impurities removed.

6. The water-in-oil emulsion fuel of claim 5, wherein said particulate impurities are removed from said first amount of water through a process of reverse osmosis.

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cont.

7. The water-in-oil emulsion fuel of claim 1, wherein said ammonia hydroxide is about 15% to about 20% by weight of the hydrocarbonaceous middle distillate fuel additive.

8. The water-in-oil emulsion fuel of claim 1, wherein said mixture of fatty acids is about 60% to about 70% by weight of the hydrocarbonaceous middle distillate fuel additive.

9. The water-in-oil emulsion fuel of claim 1, wherein said polyanhydride is about 3% to about 10% by weight of the hydrocarbonaceous middle distillate fuel additive.

10. The water-in-oil emulsion fuel of claim 9, wherein said polyanhydride is a polyalkenyl succinic anhydride.

11. The water-in-oil emulsion fuel of claim 10, wherein said alkenyl group of said polyalkenyl succinic anhydride is a butylene compound.

12. The water-in-oil emulsion fuel of claim 11, wherein said butylene compound is isobutylene.

13. In a combustion process wherein a water-in-oil emulsion fuel is subjected to combustion in the presence of air within a combustion chamber of a compression ignition diesel engine, a method of reducing levels of Nitrogen Oxides in the resultant exhaust gases of the diesel engine which comprises supplying to and burning in said combustion chamber of the water-in-oil emulsion fuel as claimed in claim 1.

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Cont. 14. The water-in-oil emulsion fuel of claim 1, wherein said hydrocarbonaceous middle distillate fuel further comprises at least one component selected from the group comprising dispersants, corrosion inhibitors, antioxidants, anti-rust agents, detergents, and lubricity agents.

15. A method for reducing nitrogen oxide emissions from a compression ignition diesel engine comprising: combining a first amount of water, a hydrocarbonaceous middle distillate fuel, and a hydrocarbonaceous middle distillate fuel additive comprising i) a second amount of water, ii) ammonia hydroxide, iii) a polyanhydride, and iv) a mixture of fatty acids to form a water-in-emulsion fuel; and combusting said water-in-emulsion fuel in the presence of air within a combustion chamber of said compression ignition diesel engine.

16. The method of claim 15, wherein said hydrocarbonaceous middle distillate fuel is about 81% to about 99.5% by weight of the water-in-oil emulsion fuel.

17. The method of claim 15, wherein said second amount of water is about 0% to about 25% by weight of the hydrocarbonaceous middle distillate fuel additive.

18. The method of claim 15, wherein said first amount of water has had particulate impurities removed.

19. The method of claim 18, wherein said particulate impurities are removed by a process of reverse osmosis.

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cont.

20. The method of claim 15, wherein said ammonia hydroxide is about 15% to about 20% by weight of the hydrocarbonaceous middle distillate fuel additive.

21. The method of claim 15, wherein said mixture of fatty acids is about 60% to about 70% by weight of the hydrocarbonaceous middle distillate fuel additive.

22. The method of claim 15, wherein said polyanhydride is about 3% to about 10% by weight of the hydrocarbonaceous middle distillate fuel additive.

23. The method of claim 22, wherein the polyanhydride is polyisobutylene succinic anhydride.

24. The method of claim 15, wherein at least one component selected from the group comprising dispersants, corrosion inhibitors, antioxidants, anti-rust agents, detergents, and lubricity agents is added to said hydrocarbonaceous middle distillate fuel.

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Please add new Claims 25-27.

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25. (New) The water-in-oil emulsion fuel of Claim 1, wherein said first amount of water is about 0% to about 18.5% by weight of the water-in-oil emulsion fuel.

26. (New) The method of Claim 15, wherein said first amount of water is about 0% to about 18.5% by weight of the water-in-emulsion fuel.

27. (New) The method of Claim 15, wherein said hydrocarbonaceous middle distillate fuel additive is about 0.5% to about 5% by weight of the water-in-emulsion fuel.

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